

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080118\
 Data File : BE097127.D
 Acq On : 1 Aug 2018 13:03
 Operator : SJ/JU
 Sample : SST00.274
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 01 14:22:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 01 14:22:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1446	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6710	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3685	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	9848	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	12892	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	13474	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	2155	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	6810	0.28	ng/ul	0.00

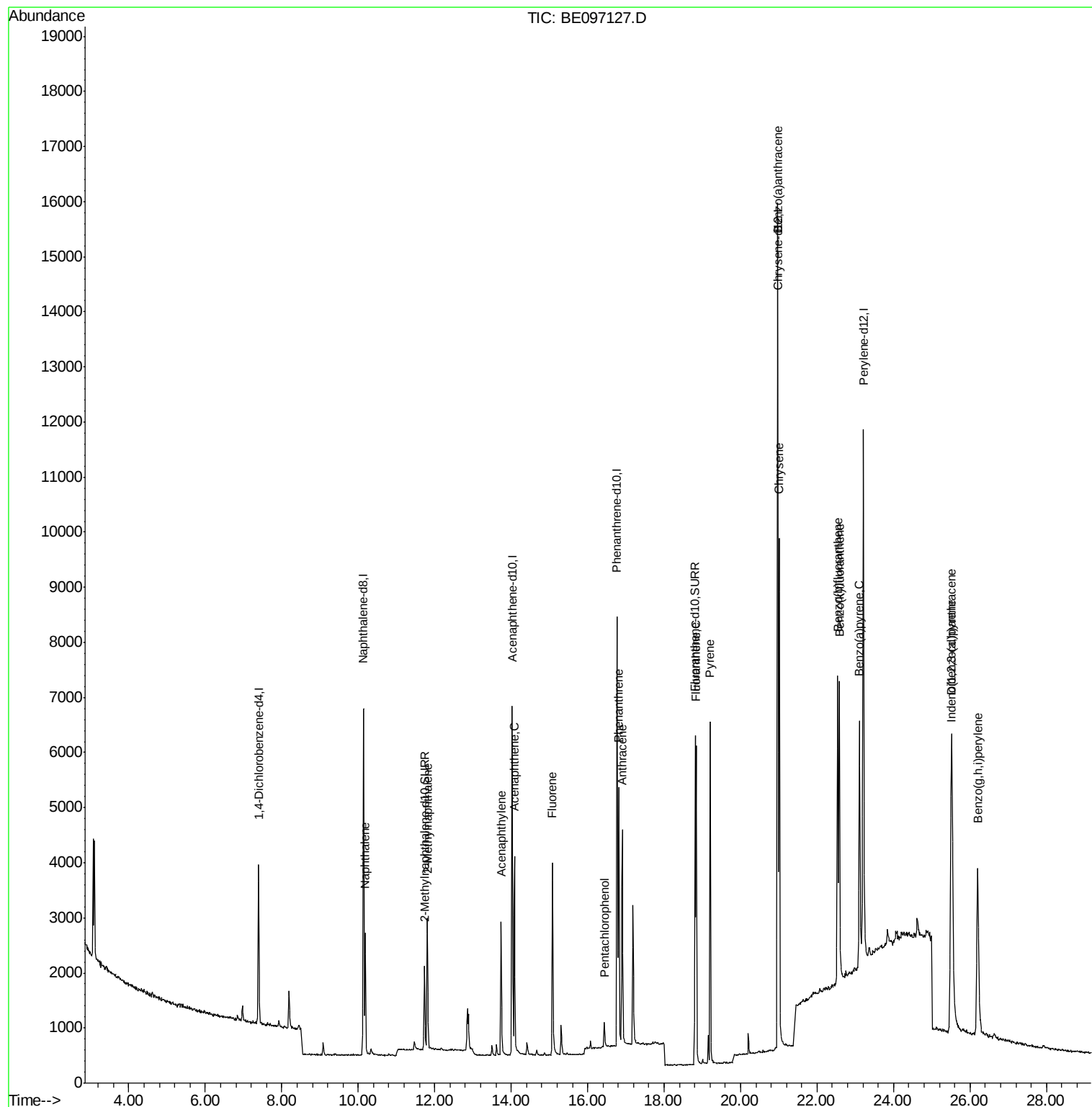
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	3238	0.200	ng/ul#	96
5) 2-Methylnaphthalene	11.81	142	2120	0.192	ng/ul	98
7) Acenaphthylene	13.73	152	3158	0.209	ng/ul	99
8) Acenaphthene	14.08	153	2272	0.182	ng/ul#	91
9) Fluorene	15.08	166	2575	0.200	ng/ul	90
11) Pentachlorophenol	16.44	266	268	0.416	ng/ul	98
12) Phenanthrene	16.81	178	5018	0.198	ng/ul#	89
13) Anthracene	16.90	178	4582	0.213	ng/ul#	92
15) Fluoranthene	18.84	202	6580	0.243	ng/ul	84
17) Pyrene	19.20	202	6998	0.165	ng/ul#	82
18) Benzo(a)anthracene	20.96	228	7426	0.244	ng/ul#	86
19) Chrysene	21.01	228	7646	0.194	ng/ul	96
21) Benzo(b)fluoranthene	22.54	252	7185	0.195	ng/ul	90
22) Benzo(k)fluoranthene	22.58	252	7806	0.194	ng/ul	91
23) Benzo(a)pyrene	23.11	252	7349	0.236	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.50	276	9097	0.282	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.53	278	7356	0.287	ng/ul#	83
26) Benzo(g,h,i)perylene	26.21	276	7841	0.250	ng/ul	97

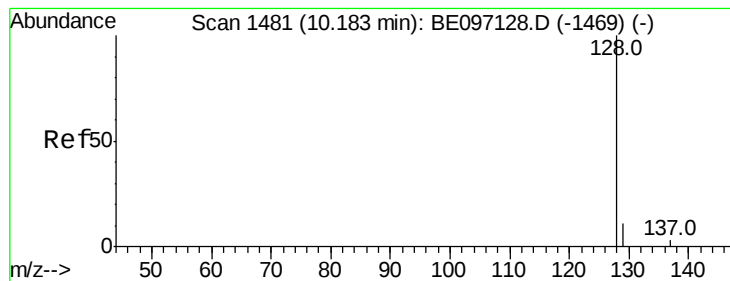
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080118\
Data File : BE097127.D
Acq On : 1 Aug 2018 13:03
Operator : SJ/JU
Sample : SST0.274
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Aug 01 14:22:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 01 14:22:12 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.200 ng/ul

RT: 10.18 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BE097127.D

Acq: 1 Aug 2018 13:03

Instrument :

BNA_E

ClientSampleId :

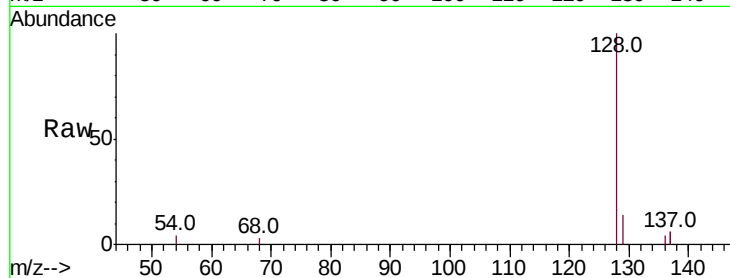
Tot Ion:128 Resp: 3238

Ion Ratio Lower Upper

128 100

129 13.9 11.3 16.9

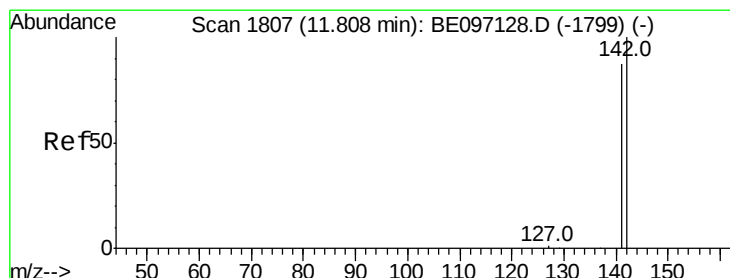
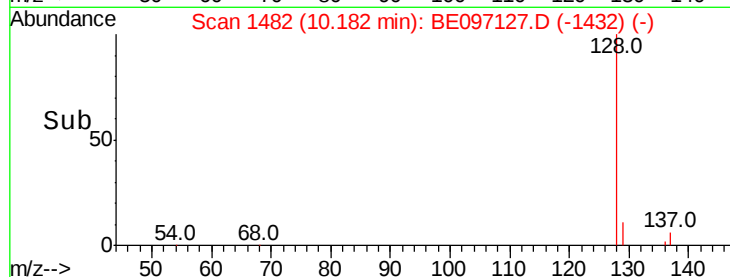
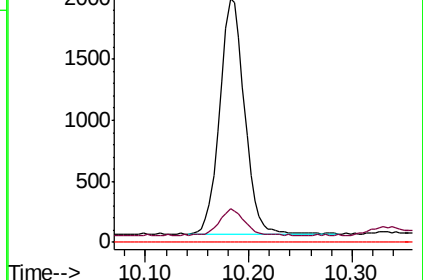
127 0.0 4.0 6.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.192 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BE097127.D

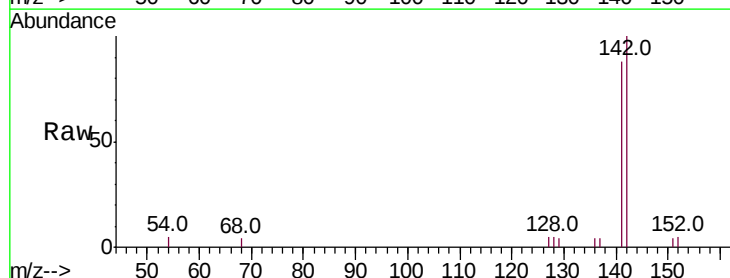
Acq: 1 Aug 2018 13:03

Tgt Ion:142 Resp: 2120

Ion Ratio Lower Upper

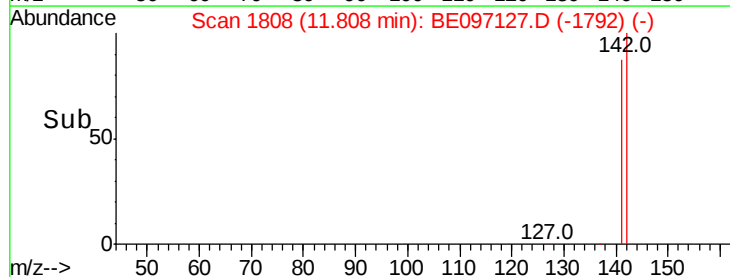
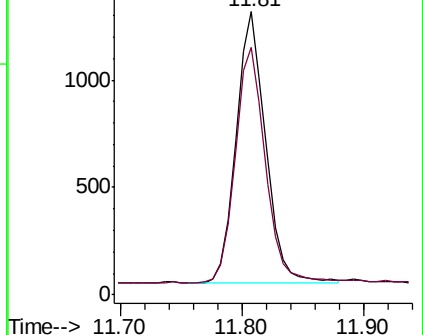
142 100

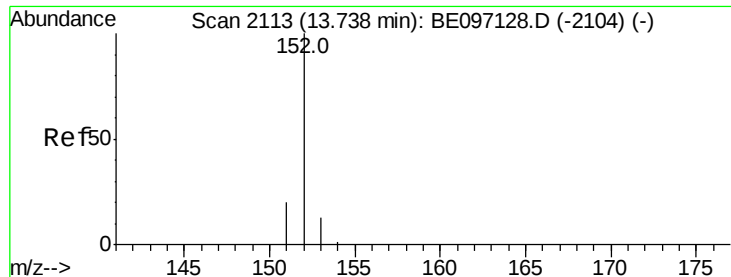
141 89.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.209 ng/ul

RT: 13.73 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BE097127.D

Acq: 1 Aug 2018 13:03

Instrument :

BNA_E

ClientSampleId :

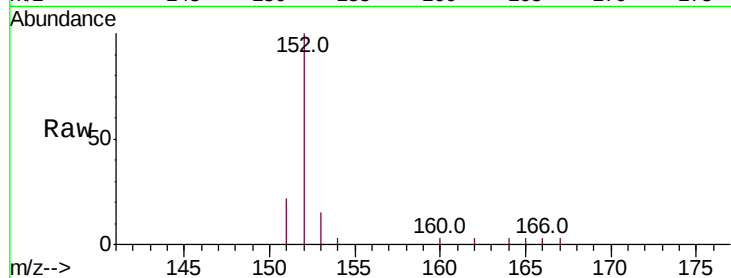
Tot Ion:152 Resp: 3158

Ion Ratio Lower Upper

152 100

151 21.7 17.1 25.7

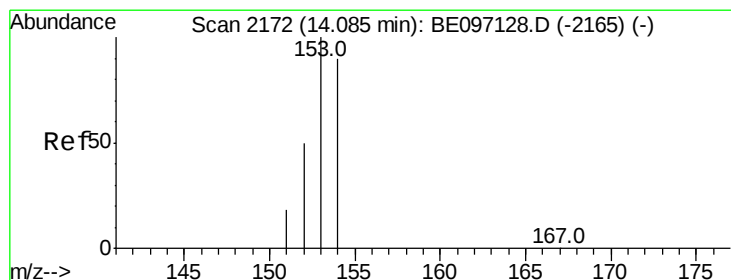
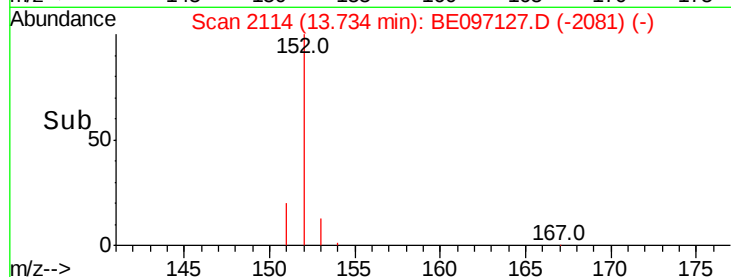
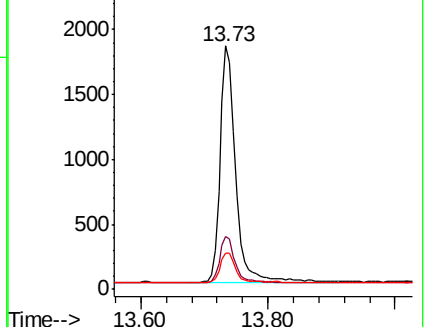
153 15.2 12.8 19.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.182 ng/ul

RT: 14.08 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BE097127.D

Acq: 1 Aug 2018 13:03

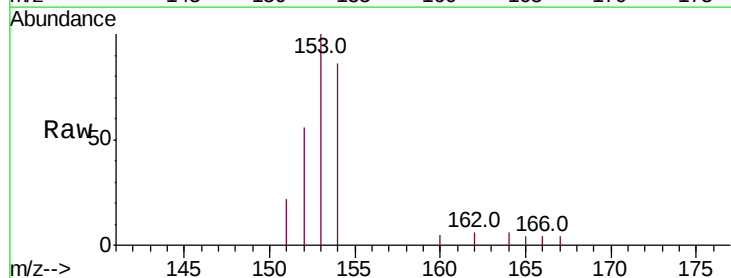
Tgt Ion:153 Resp: 2272

Ion Ratio Lower Upper

153 100

152 56.0 36.0 54.0#

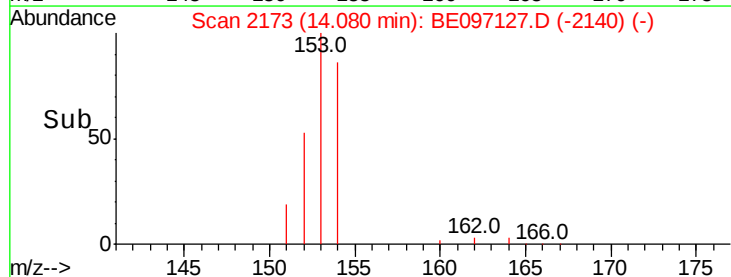
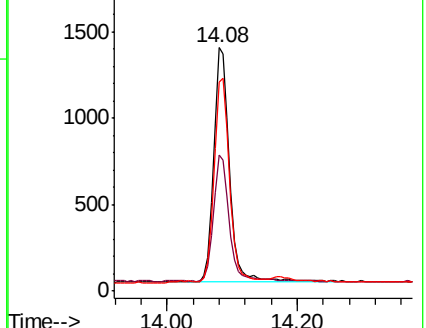
154 85.9 72.0 108.0

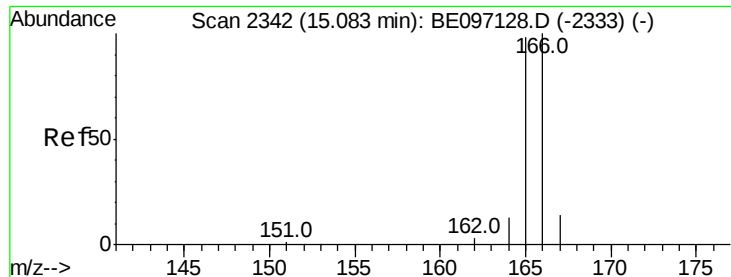


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.200 ng/ul

RT: 15.08 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BE097127.D

Acq: 1 Aug 2018 13:03

Instrument :

BNA_E

ClientSampleId :

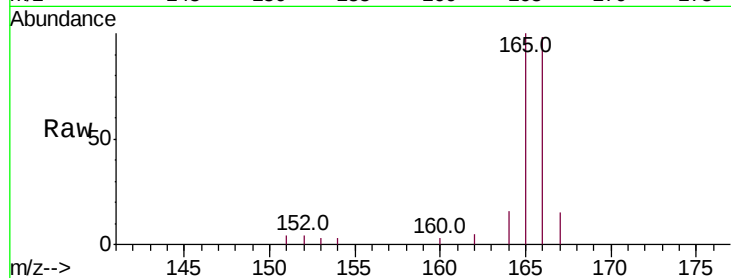
Tot Ion:166 Resp: 2575

Ion Ratio Lower Upper

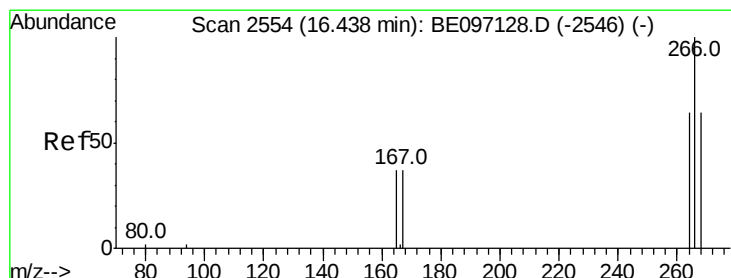
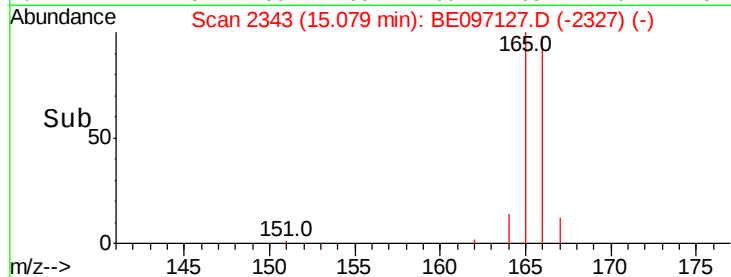
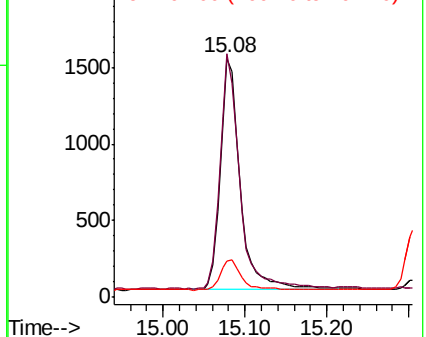
166 100

165 101.9 73.4 110.2

167 15.0 14.6 22.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.416 ng/ul

RT: 16.44 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BE097127.D

Acq: 1 Aug 2018 13:03

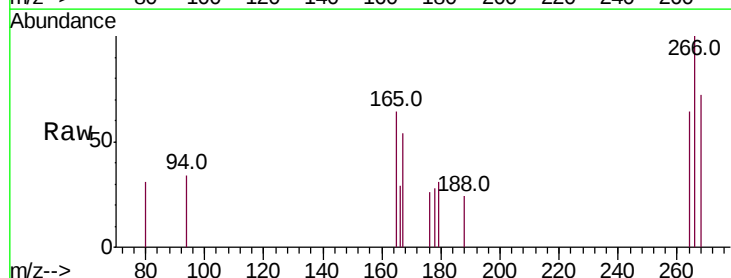
Tgt Ion:266 Resp: 268

Ion Ratio Lower Upper

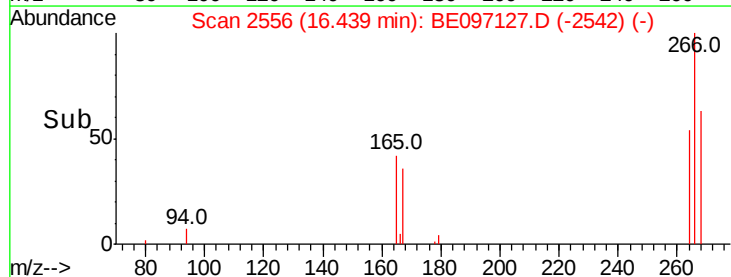
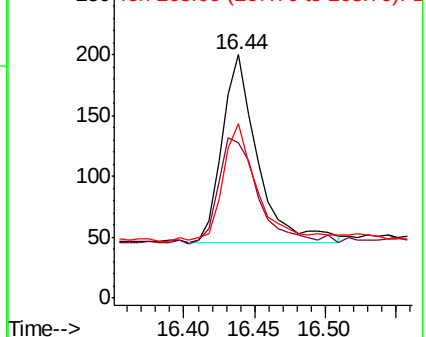
266 100

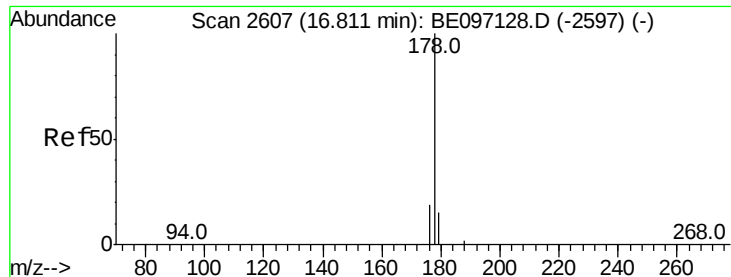
264 61.2 47.9 71.9

268 61.2 49.8 74.8



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E

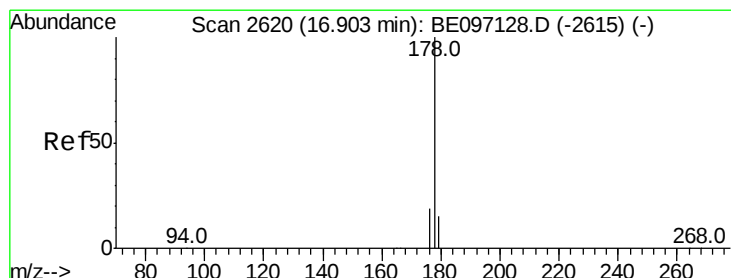
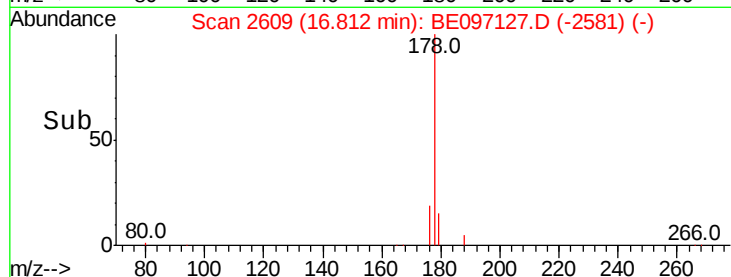
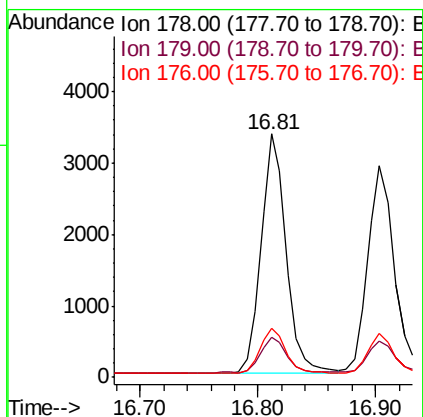
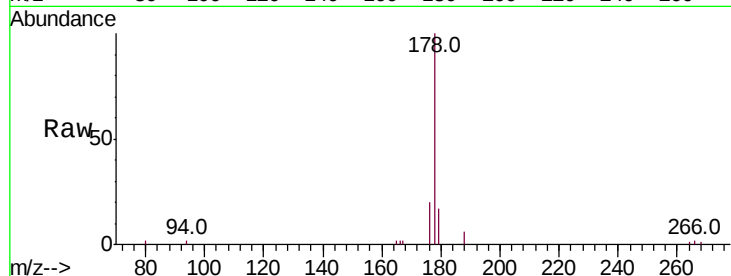




#12
Phenanthrene
Concen: 0.198 ng/ul
RT: 16.81 min Scan# 2609
Delta R.T. 0.00 min
Lab File: BE097127.D
Acq: 1 Aug 2018 13:03

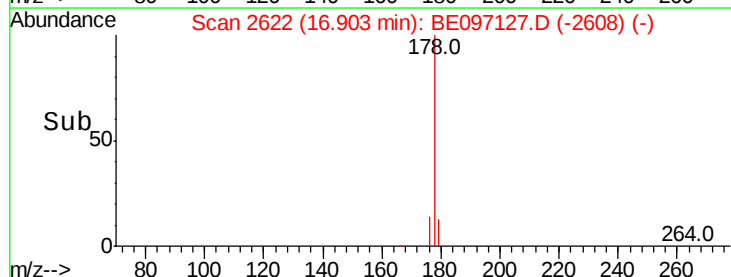
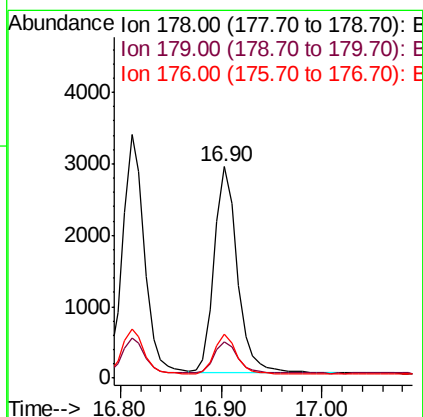
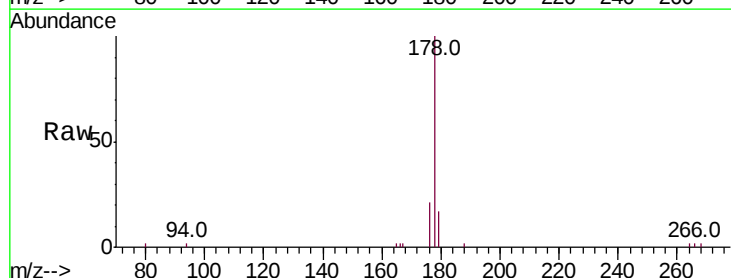
Instrument :
BNA_E
ClientSampleId :

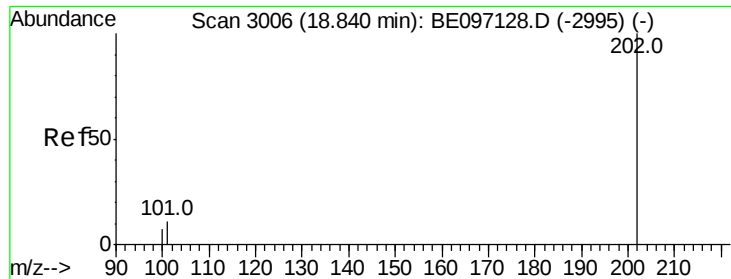
Tot Ion:178 Resp: 5018
Ion Ratio Lower Upper
178 100
179 16.6 18.4 27.6#
176 20.2 13.6 20.4



#13
Anthracene
Concen: 0.213 ng/ul
RT: 16.90 min Scan# 2622
Delta R.T. 0.00 min
Lab File: BE097127.D
Acq: 1 Aug 2018 13:03

Tgt Ion:178 Resp: 4582
Ion Ratio Lower Upper
178 100
179 17.1 18.1 27.1#
176 20.5 14.7 22.1





#15

Fluoranthene

Concen: 0.243 ng/ul

RT: 18.84 min Scan# 3008

Delta R.T. 0.00 min

Lab File: BE097127.D

Acq: 1 Aug 2018 13:03

Instrument :

BNA_E

ClientSampleId :

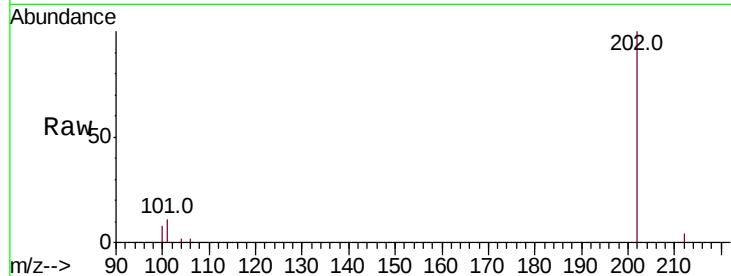
Tot Ion:202 Resp: 6580

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.3

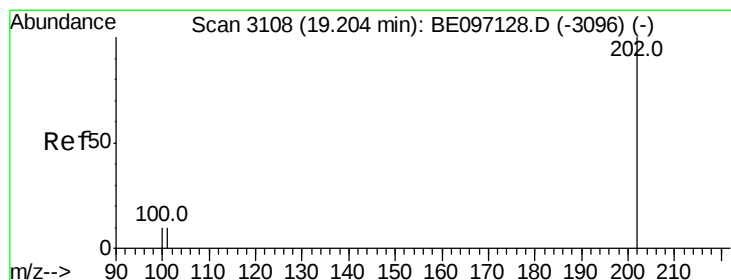
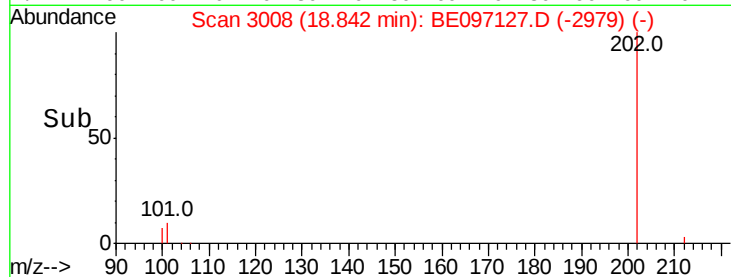
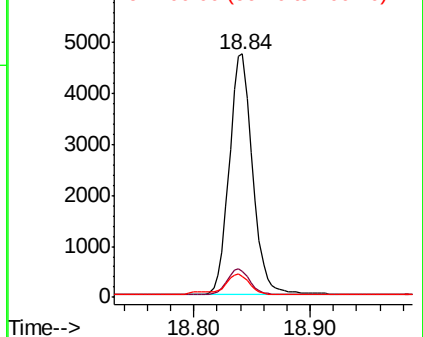
100 8.5 0.0 39.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE



#17

Pyrene

Concen: 0.165 ng/ul

RT: 19.20 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BE097127.D

Acq: 1 Aug 2018 13:03

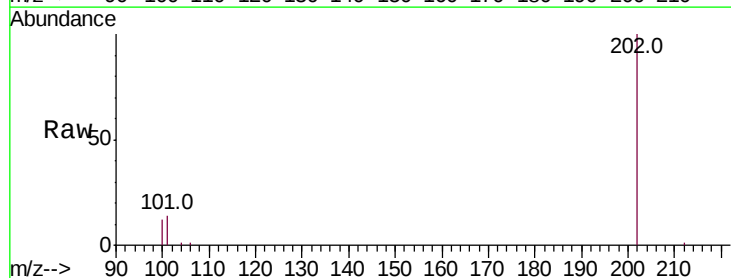
Tgt Ion:202 Resp: 6998

Ion Ratio Lower Upper

202 100

101 13.5 18.2 27.4#

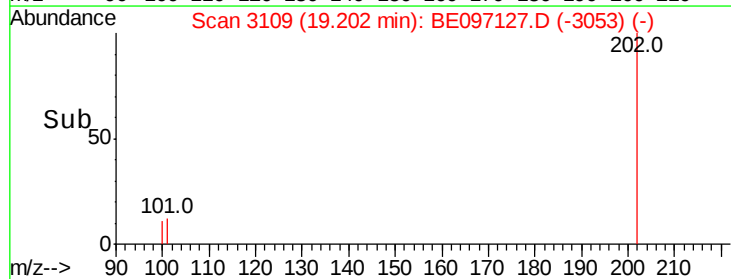
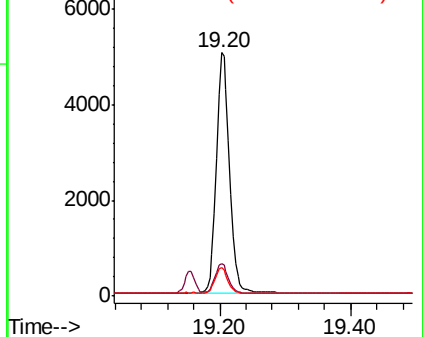
100 11.7 15.6 23.4#

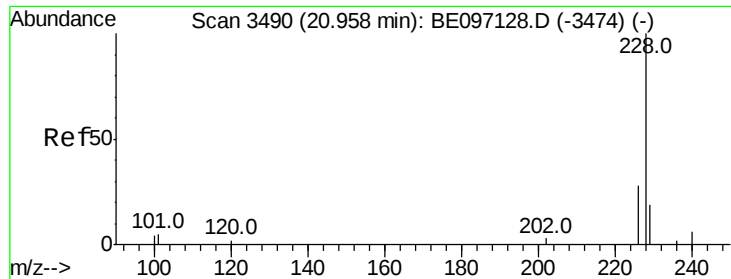


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.244 ng/ul

RT: 20.96 min Scan# 3492

Delta R.T. 0.00 min

Lab File: BE097127.D

Acq: 1 Aug 2018 13:03

Instrument :

BNA_E

ClientSampleId :

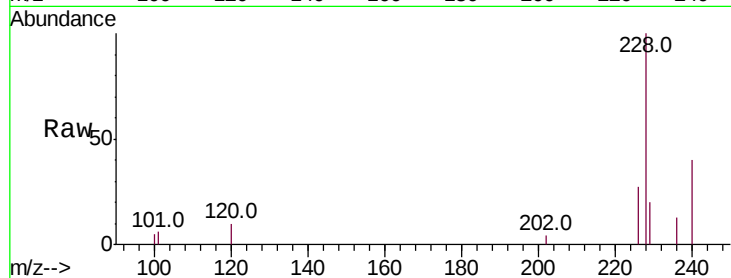
Tot Ion:228 Resp: 7426

Ion Ratio Lower Upper

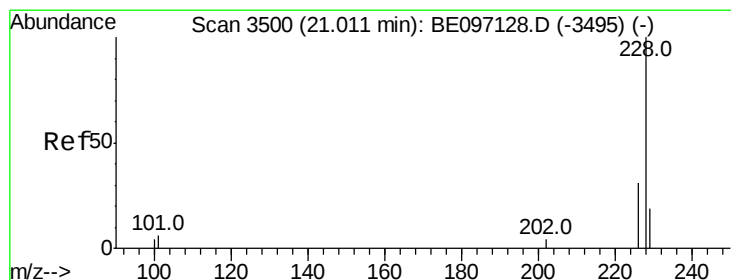
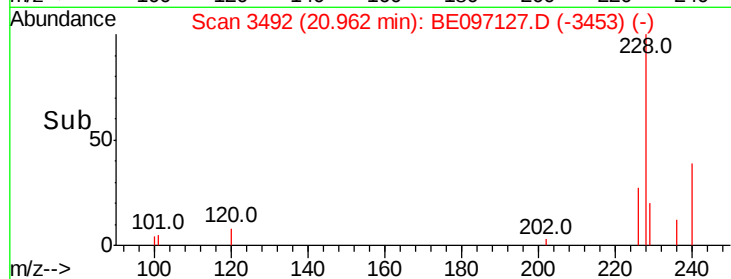
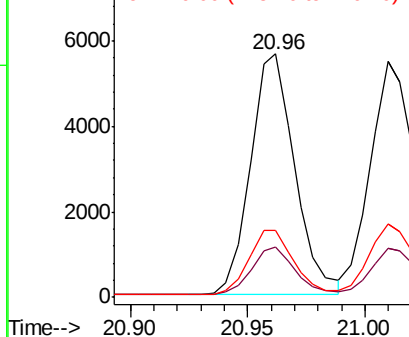
228 100

229 20.5 22.8 34.2#

226 27.4 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.194 ng/ul

RT: 21.01 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BE097127.D

Acq: 1 Aug 2018 13:03

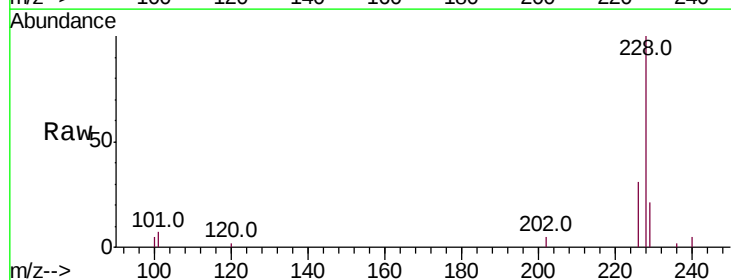
Tgt Ion:228 Resp: 7646

Ion Ratio Lower Upper

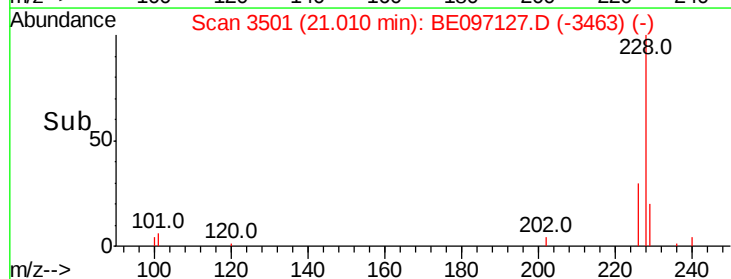
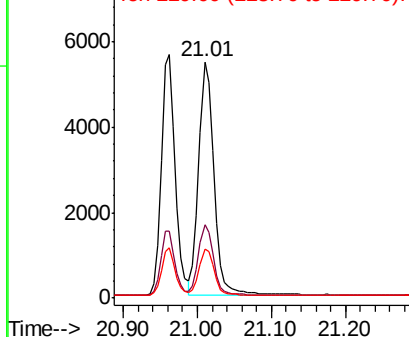
228 100

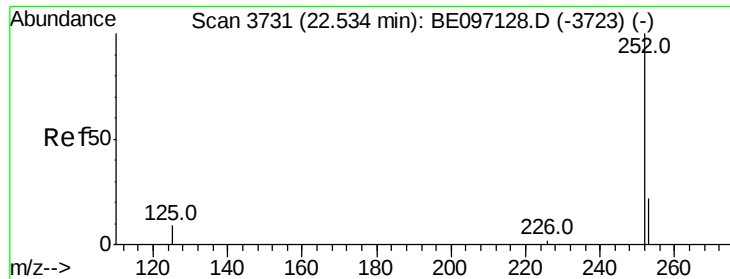
226 31.3 23.4 35.0

229 20.5 17.7 26.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.195 ng/u1

RT: 22.54 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BE097127.D

Acq: 1 Aug 2018 13:03

Instrument :

BNA_E

ClientSampleId :

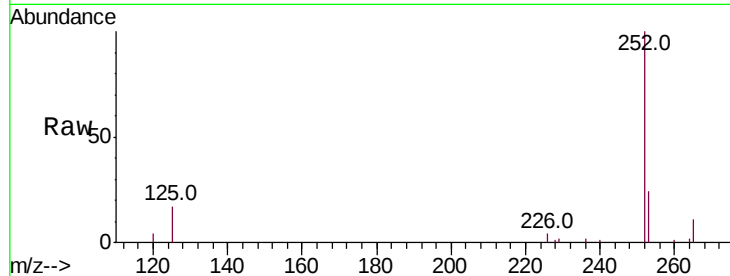
Tot Ion:252 Resp: 7185

Ion Ratio Lower Upper

252 100

253 24.1 0.0 64.2

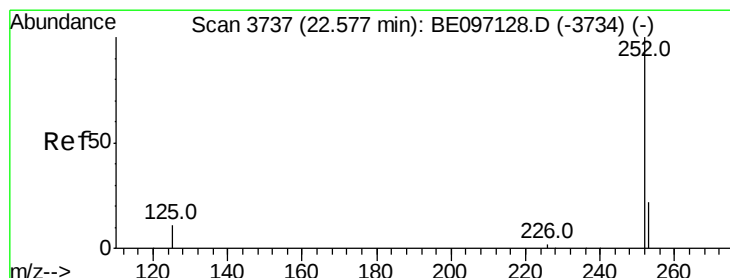
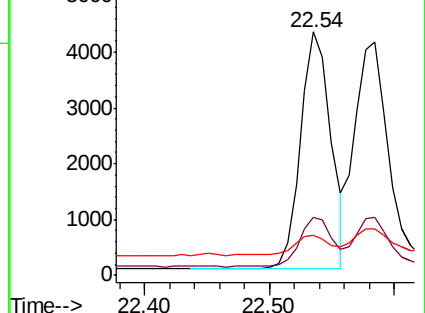
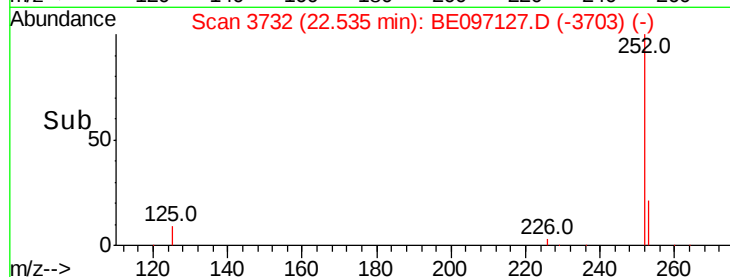
125 16.6 0.0 35.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.194 ng/u1

RT: 22.58 min Scan# 3739

Delta R.T. 0.01 min

Lab File: BE097127.D

Acq: 1 Aug 2018 13:03

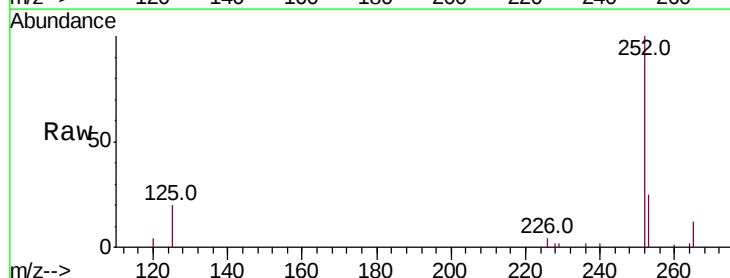
Tgt Ion:252 Resp: 7806

Ion Ratio Lower Upper

252 100

253 24.7 24.5 36.7

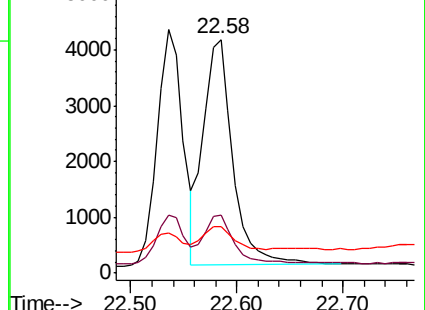
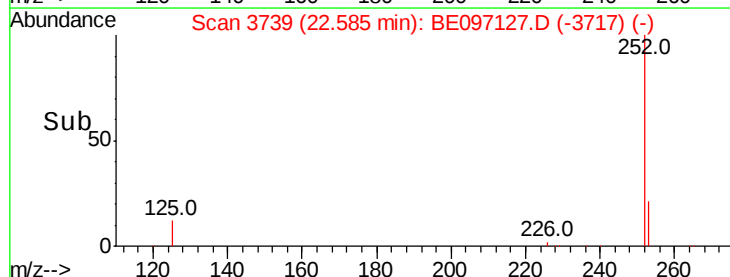
125 20.0 13.7 20.5

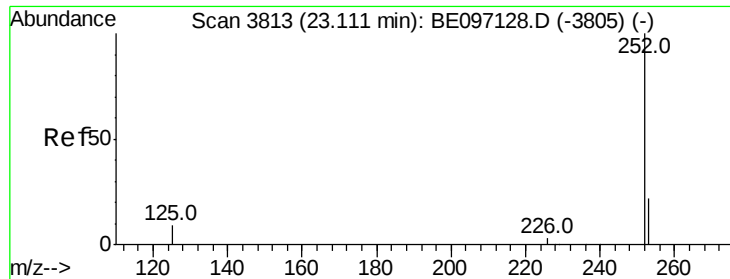


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.236 ng/ul

RT: 23.11 min Scan# 3814

Delta R.T. 0.00 min

Lab File: BE097127.D

Acq: 1 Aug 2018 13:03

Instrument :

BNA_E

ClientSampleId :

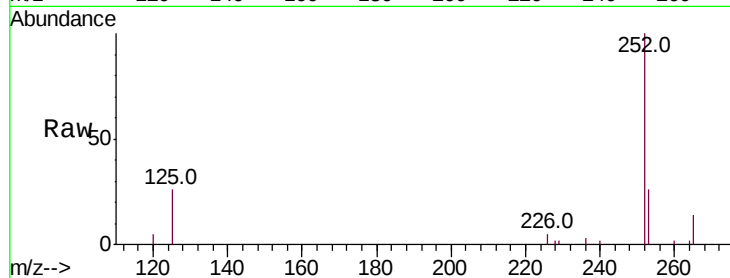
Tot Ion:252 Resp: 7349

Ion Ratio Lower Upper

252 100

253 26.1 28.5 42.7#

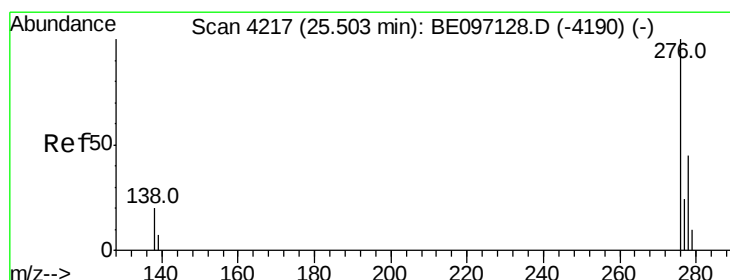
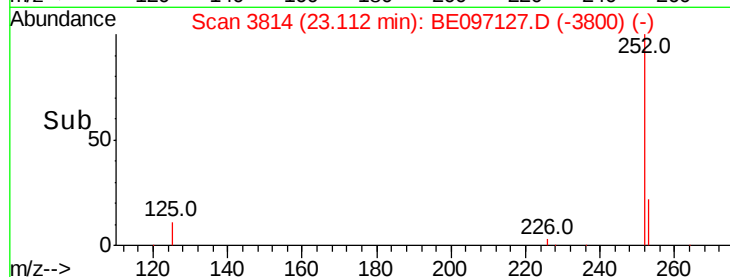
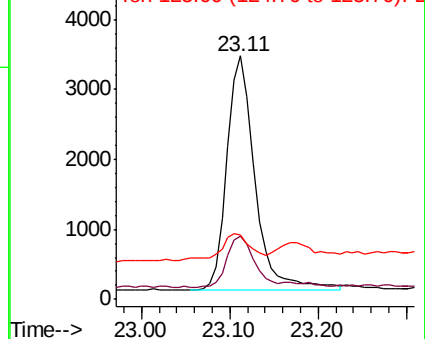
125 26.3 18.1 27.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.282 ng/ul

RT: 25.50 min Scan# 4218

Delta R.T. -0.00 min

Lab File: BE097127.D

Acq: 1 Aug 2018 13:03

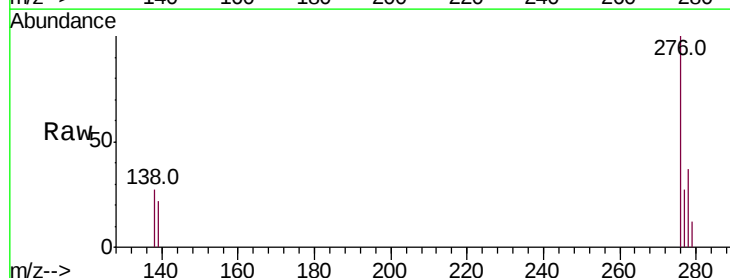
Tgt Ion:276 Resp: 9097

Ion Ratio Lower Upper

276 100

138 21.9 28.0 42.0#

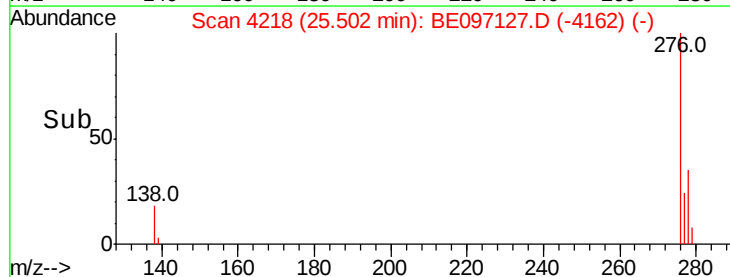
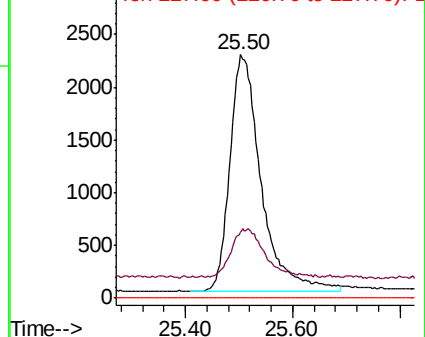
227 0.0 8.0 12.0#

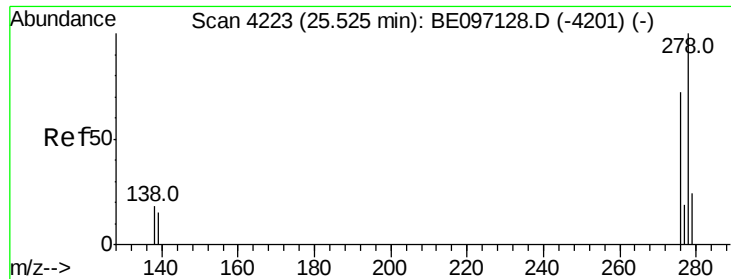


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

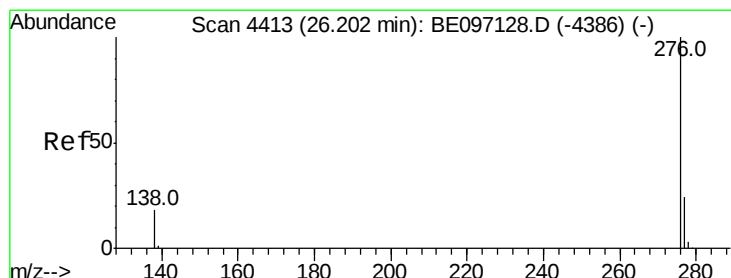
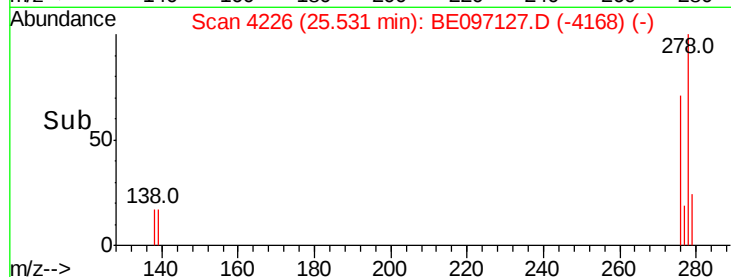
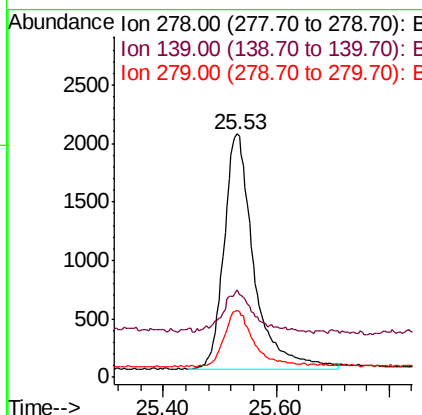
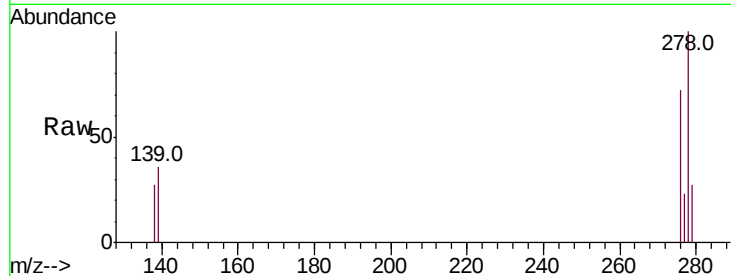




#25
Dibenzo(a,h)anthracene
Concen: 0.287 ng/ul
RT: 25.53 min Scan# 4226
Delta R.T. 0.01 min
Lab File: BE097127.D
Acq: 1 Aug 2018 13:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 7356
Ion Ratio Lower Upper
278 100
139 35.8 17.4 26.0#
279 27.4 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.250 ng/ul
RT: 26.21 min Scan# 4415
Delta R.T. 0.00 min
Lab File: BE097127.D
Acq: 1 Aug 2018 13:03

Tgt Ion:276 Resp: 7841
Ion Ratio Lower Upper
276 100
138 25.3 21.8 32.8
277 26.7 20.5 30.7

